



## Features:

- 3Ø - 3 Wire Input
- Monitors Phase Sequence, Phase Failure, Phase Imbalance
- LED Indication: Relay ON
- Slim, Space Saving Design
- DIN Rail Mount

Size: DIN 17.5mm

Certifications: PENDING

## Technical Specifications

### Input Specifications

|          |  |
|----------|--|
| Accuracy | ±3% of F.S. (F.S. = Full Scale)          |
| Reset    | Auto reset on removal of fault condition |

### Output Specifications

|                |                      |
|----------------|----------------------|
| Output Contact | SPDT (1 C/O)         |
| Contact Rating | NO/5A, NC/3A@250V AC |

### Functional Specifications

|                               |                          |
|-------------------------------|--------------------------|
| Phase Failure Trip            | 3 Phase voltage <154V AC |
| Phase Imbalance               | 30V fixed                |
| Phase Sequence, Phase Failure | Yes                      |
| Hysteresis                    | 6V                       |
| Trip Accuracy                 | ±10V                     |
| Response Time                 | 200 msec max.            |
| Power On Delay                | 200 msec                 |

### Supply Specifications

|                   |                |
|-------------------|----------------|
| Power Consumption | 20VA max       |
| Operating Voltage | 154 to 500V AC |

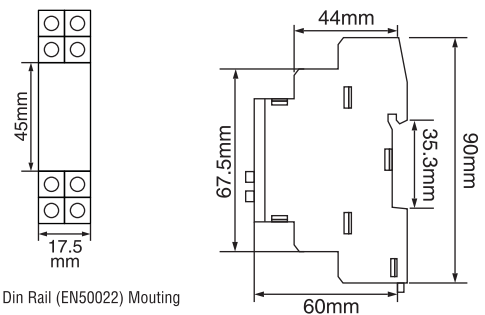
### Environmental Specifications

|                           |  |
|---------------------------|--|
| Temperature               | Operating: 0 to 50°C (32 to 122°F)<br>Storage: -20 to 75°C (-4 to 167°F) |
| Humidity (non-condensing) | 95% RH   |
| Weight                    | 62 gms   |
| Protection Level          | IP50 for faceplate<br>IP40 for housing<br>IP20 for terminals             |

### LED Indication Chart

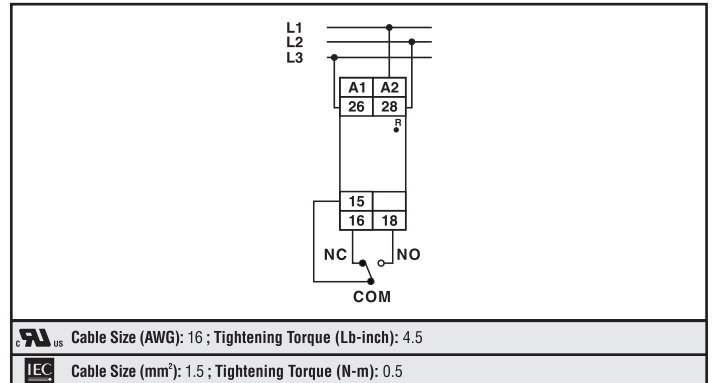
| Supply                         | Relay LED |
|--------------------------------|-----------|
| Nominal condition              | ON        |
| Phase reversed / Phase Failure | OFF       |
| Phase Imbalance                | OFF       |

### Dimensions



Symmetrical 35mm Din Rail (EN50022) Mounting

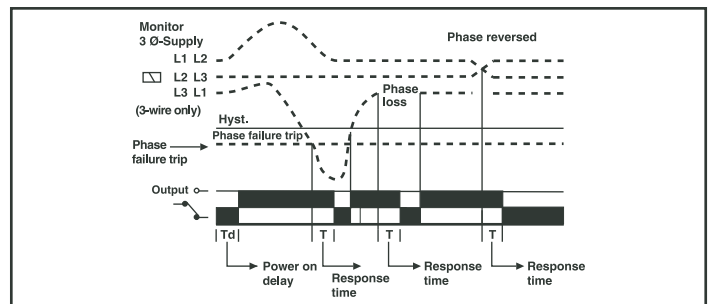
### Terminal Connections



Cable Size (AWG): 16 ; Tightening Torque (Lb-inch): 4.5

Cable Size (mm<sup>2</sup>): 1.5 ; Tightening Torque (N-m): 0.5

### Timing Diagram



### Ordering Information

| Part No.  | Supply Voltage             | Certification |         |
|-----------|----------------------------|---------------|---------|
|           |                            |               | PENDING |
| 600PSR    | 3Ø/3W, 154 to 500V AC, P-P | ■             |         |
| 600PSR-CU | 3Ø/3W, 154 to 500V AC, P-P | ■             | ■       |